

Title (en)

CARDIAC STIMULATOR WITH AN IMPEDANCE MEASURING CIRCUIT FOR DETECTING ISCHEMIA

Title (de)

HERZSTIMULATOR MIT EINEM IMPEDANZMESSKREIS ZUM NACHWEIS EINER ISCHÄMIE

Title (fr)

STIMULATEUR CARDIAQUE AVEC UN CIRCUIT DE MESURE D'IMPÉDANCE POUR DÉTÉCTER UNE ISCHÉMIE

Publication

EP 2114525 A1 20091111 (EN)

Application

EP 07835033 A 20070228

Priority

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Abstract (en)

[origin: US8140157B2] In a method and medical device for detecting an ischemic episode and to determine a location of ischemia in a heart of a patient, an impedance measuring circuit measures the impedances in the tissue between electrodes of at least one electrode configuration according to a predetermined measurement scheme and an ischemia detector evaluates the measured impedance values using at least one reference impedance image of the heart to detect changes in the measured impedances that are consistent with an ischemia and to determine a location of the ischemia to at least one region of the image.

IPC 8 full level

A61N 1/365 (2006.01); **A61B 5/0536** (2021.01); **A61B 5/0538** (2021.01)

CPC (source: EP US)

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